

CLAIMS

1. A method for producing gramineae comprising a step of introducing a gene that codes an enzyme in biosynthetic pathway of mugineic acids.

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2. A method in accordance with claim 1 wherein the enzyme is nicotianamine amino transferase (NAAT) and the gene that codes thereof is *naat*.

3. A method in accordance with claim 1 or 2 wherein the promoter is CaMV358.

4. A method in accordance with any one of claims 1 to 3, wherein the gene is a genome gene

5. A method in accordance with claim 4 wherein the genome is a barley genome *naat*.

6. A method in accordance with claim 5 wherein the base sequence of the gene is the base sequence shown in sequence No. 1 in the sequence list, or a base sequence that can be hybridized under stringent conditions for said base sequence as well as having it possible to generate a protein having nicotianamine amino transferase (NAAT) activity, in addition to the base sequence complementary to thereof.

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7. A gramineae with iron deficiency resistance manufactured through the method in accordance with any one of claims 1 to 6.

8. The seeds of gramineae in accordance with claim 7.

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9. The cells of gramineae in accordance with claim 7.

10. A method of growing gramineae in an iron deficient field in accordance with claim 7.

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11. A crop of gramineae obtained through the method in accordance with claim

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